



## 16,000 DWT/19,500 M<sup>3</sup> Chemical Carrier

<b>General:</b>	The vessel is designed as a Chemical Tanker with a single propeller vessel with a two-stroke diesel engine, vertical bow, forecastle and transom stern. The vessel is designed to carry minimum 7-grades fully segregated simultaneously.		
<b>Main Particulars:</b>	Length o.a.		141.50 m
	Length p.p.		138.70 m
	Breadth		23.00 m
	Depth		12.30 m
	Draught		8.40 m
	Deadweight		16,000 t
<b>Capacity:</b>	Cargo cubic		19,500 m <sup>3</sup>
	Cargo type		MARPOL, IBC, IMO 2 & 3
	Cargo system		16 tanks
<b>Speed:</b>	Service speed		13.00 kn
<b>Machinery and Equipment:</b>	Diesel		
	Main engines		Man B&W engine type 5G45Me-B-B9 (Tier II)
	Installed power		SMCR 4,700 kW
<b>Miscellaneous:</b>	Classification		DNV 1A1 Tanker for Chemicals ESP - Ship type 2, SPM, E0, NAUT-OC, VCS-1, CLEAN, BIS, TMON, INERT, COW, NAUTICUS (Newbuilding)
<b>Scope of Work:</b>	Concept Design, including: General Arrangement Outline specifications Lines plan Speed and power prediction and verification		
<b>Ref. No.:</b>	KEH 1488.06		